

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Peetz Windows and Doors, Inc. 15951 SW 41 Street, Suite 150 Weston, FL 33331

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "European" Inswing Wood Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1439, titled "European In-Swing Casement Impact Wood Windows" sheets 1 through 9 of 9, dated 09/07/05, with revision B1 dated 03/16/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 14-0429.15 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

M) 13/27/15

NOA No. 15-0312.03 Expiration Date: December 22, 2020 Approval Date: June 04, 2015

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 05-0930.09)
- 2. Drawing No. 1439, titled "European In-Swing Casement Impact Wood Windows" sheets 1 through 9 of 9, dated 09/07/05, with revision B1 dated 03/16/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with the manufacturer's parts drawings, marked-up drawings and installation diagram of a inswing wood casement window, prepared by Hurricane Test Laboratory, LLC, Test Reports No. HTL-0284-0528-03, dated 05/29/03 to 06/02/03, signed and sealed by Vinu J. Abraham, P.E.

(Submitted under NOA No. 05-0930.09)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94.
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with the manufacturer's parts drawings, marked-up drawings and installation diagram of a inswing wood casement window, prepared by Hurricane Test Laboratory, LLC, Test Reports No. **HTL-0284-1113-01**, dated 11/11 to14/01, signed and sealed by Vinu J. Abraham, P.E.

(Submitted under NOA No. 05-0930.09)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC-5**th **Edition (2014)**, dated 01/20/15, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
- 2. Glazing complies with ASTM E1300-04

Product Control Examiner

NOA No. 15-0312.03

Expiration Date: December 22, 2020 Approval Date: June 04, 2015

Peetz Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0423.17 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 06/19/14, expiring on 05/21/16.

F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, dated March 16, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
- 2. Statement letter of no financial interest, dated March 16, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
- 3. Laboratory compliance letters for Test Reports No. HTL-0284-0528-03 and HTL-0284-1113-01, issued by Hurricane Test Laboratory, LLC, dated 03/14/05, all signed and sealed by Vinu J. Abraham, P.E. (Submitted under NOA No. 05-0930.09)

G. OTHERS

1. Notice of Acceptance No. 14-0429:15, issued to Peetz Windows and Door, Inc. for their Series "European" Inswing Wood Casement Window – L.M.I., approved on 07/24/14 and expiring on 12/22/15.

Manuel Perez, P.E. Product Control Examiner NOA No. 15-0312.03

Expiration Date: December 22, 2020 Approval Date: June 04, 2015

GENERAL NOTES:

- THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)"
- 2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- 3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- 4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT PRODUCTS.
- 5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE
- TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE
- 8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. A DIRECTIONALITY FACTOR OF Kd = 0.85 May BE APPLIED PER THE asce-7 standard.
- NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY.
- 10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE
- 11. All WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE

CORNER & MULLION END CONSTRUCTION:

JAMB TO JAMB; MULTI-FORKED & GLUED WITH BINDAN D4 OR EQUAL JAMB TO SILL: MULTI-FORKED & GLUED WITH BINDAN D4 OR EQUAL MULLIONS TO JAMB: MULLION IS COPED, BUTTED TO JAMB & JONED WITH SIX(6) 0.394" X 3.15" LONG WOOD DOWELS AND GLUED WITH BINDAN DA OR EQUIVALENT WOOD GLUE

MULLION TO SILL: MULLION IS COPED, BUTTED TO JAMB & JONED WITH SIX(6) 0.394" X 3.15" LONG WOOD DOWELS AND GLUED WITH BINDAN D4 OR EQUIVALENT WOOD GLUE.

MID-RAIL TO STILE: MID-RAIL IS COPED, BUTTED TO JAMB & JONED WITH FOUR(4) 0.394" X 3.15" LONG WOOD DOWELS AND GLUED WITH BINDAN D4 OR EQUIVALENT WOOD GLUE.

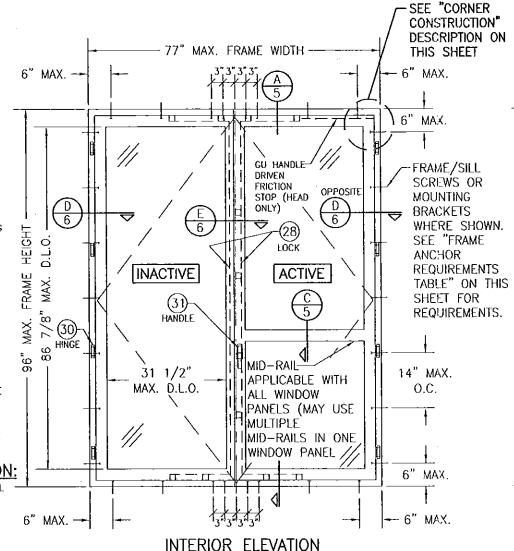
SASH: MULTI-FORKED & GLUED WITH BINDAN D4 OR EQUAL

OPENING TYPE

(SUBSTRATE)

(MIN. GR. 3 & G=0.55)

MIN. 1/8" THK 6063-T5 ALUMINUM



DOUBLE RECTANGULAR IN-SWING WINDOW

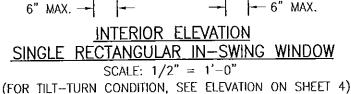
мимии Тмимии

EMBED EDGE DIST

1/2*

1/2"

SCALE: 1/2" = 1'-0"(FOR TILT-TURN CONDITION, SEE ELEVATION ON SHEET 4)



40 5/8" MAX.

FRAME WIDTH

OPPOSITE

 $\binom{\mathbb{D}}{6}$

5.

LOCK

HANDLE

31 1/2

MAX. D.L.O.

HINGE

6" MAX.

 $\sqrt{6}$

o

<u>ا۔</u>

MAX.

7/8"

86 96,

FRAM

-6" MAX.

6" MAX

FRAME/SILL

SCREWS OR

MOUNTING

BRACKETS

ANCHOR

WHERE SHOWN.

REQUIREMENTS

REQUIREMENTS.

TABLE" ON THIS

SEE "FRAME

SHEET FOR

14" MAX.

0.C.

6" MAX.

INTERIOR ELEVATION SOLID RAISED PANEL WITH MID RAILS

SCALE: 1/2"=1'-0"1, TOP & MID RAILS MAY BE OF ANY CONFIGURATION PROVIDING THE

SMALLEST CROSS SECTION OF RAILS IS EQUAL TO OR LARGER THAN THAT DETAILED IN DRAWINGS.

2. MULTIPLE MID RAIL (BOTH HORIZONTAL & VERTICAL) MAY BE USED WITH THESE PANELS.

3. PANEL CONFIGURATIONS OTHER THAN THAT SHOWN ARE ALSO PART OF THIS APPROVAL PROVIDING THEY ARE SIMILAR IN CONSTRUCTION TO THAT SHOWN ABOVE.

4. PANEL ONLY IS SHOWN. FOR INSTALLATION INTO FRAME, SEE OTHER ELEVATIONS.

ALLOWABLE DESIGN PRESSURE (ALL WINDOWS) +60/-70 PSF

-CMU DOES NOT APPLY AT HEAD

LOCK REQUIREMENTS		
FRAME HEIGHT	NO. OF LOCKS REQUIRED	
69" & OVER	4	
43" TO 58"	3	
LESS THAN 43"	2	

HINGE REQUIREMENTS		
FRAME	QUANTITY	
HEIGHT	PER PANEL	
OVER 68"	4	
MAX. 68"	3	
42" & LESS	2	

PRODUCT REVISED as complying with the Florida **Building Code** Expiration Date Z

2015 MARY 6

તં **ક**.જી.,

CHECKED BY:

W.W.S.

9/7/05

DOORS T; SUITE 3331

77 WINDOWS & I.W. 41ST STREET; WESTON, FL 333 954-659-3887

TANTS

SCHAEFER ENGINEERING

S CONSULTING, P.A.

7480 150TH COURT NORTH

LM BEACH GARDENS, FL 33418

PHONE: 581-744-3424

EETZ S.W.

MINDOWS

WOOD

IMPACT

CASEMENT

IN-SWING

EUROPEAN

В 1439 SHEET NO. OF

HEAD & SIDE FRAME SCREWS				
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. J & G=0.55)	NO. 18 (0.295 DIA.) SMS OR WOOD SCREW	1 3/8"	1"	
MIN. 1/8" THK 6063-T5 ALUM.	5/16" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK A36 STEEL	5/16" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2°	
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 5/16" CONCRETE SCREW	1 1/2"	2 1/2"	
SILL SCREWS				
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 3/8"	1"	
MIN. 2500 PSI CONCRETE	(2)1/4" CONCRETE SCREW	1 1/2"	2 1/2"	
MOUNTING BRACKET SCREWS				
MIN. 2X6 WOOD FRAME OR BUCK	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"	

FRAME ANCHOR REQUIREMENTS TABLE

FRAME/BRACKET TO OPENING

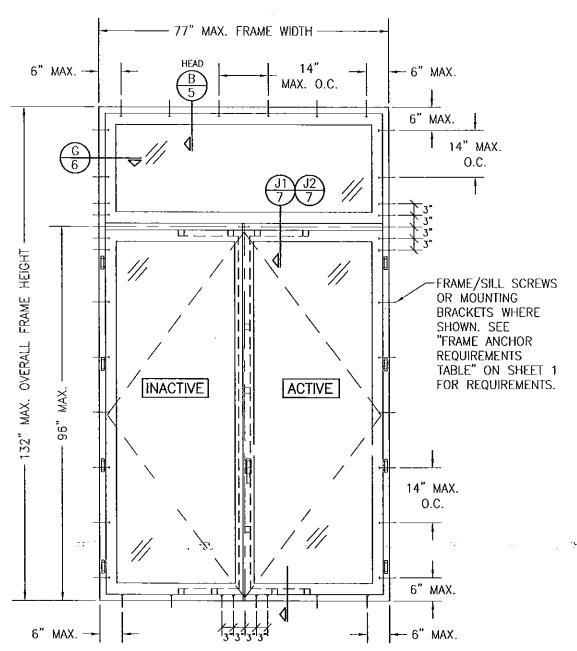
FASTENER TYPE

NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL

NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL MIN. 1/8" THK A36 STEEL (1) HEAD & SIDE CONCRETE SCREWS SHALL BE 5/16" ELCO ULTRACONS (HARDENED STEEL

RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).

OR S.S.). (2) SILL CONCRETE SCREWS SHALL BE 1/4" ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW



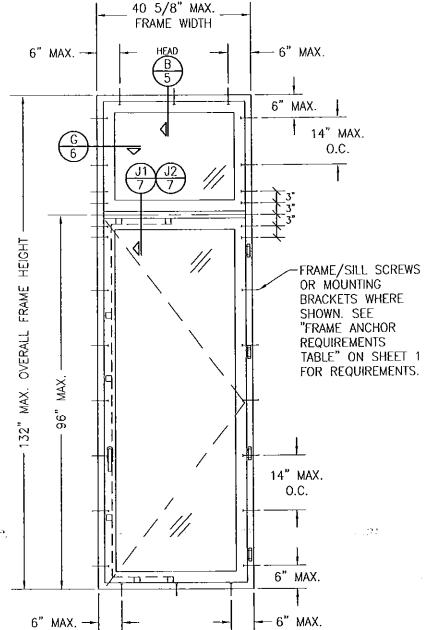
INTERIOR ELEVATION DOUBLE RECTANGULAR IN—SWING WINDOW WITH TRANSOM

SCALE: 1/2" = 1'-0"WINDOW UNIT MAY ALSO BE A DOUBLE P

WINDOW UNIT MAY ALSO BE A DOUBLE PANEL MULLED UNIT.

(FOR DETAIL NOT SHOWN, SEE DOUBLE WINDOW ELEVATION ON SHEET 1)

(FOR TILT—TURN CONDITION, SEE ELEVATION ON SHEET 4)



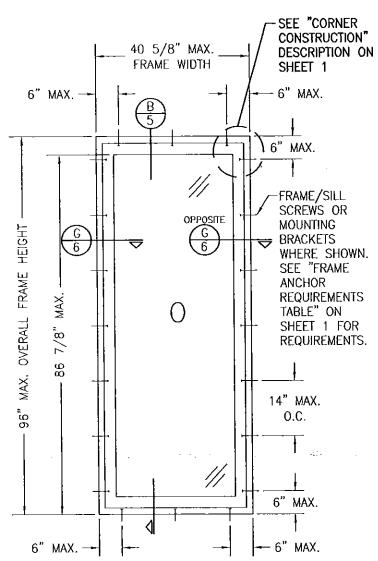
INTERIOR ELEVATION SINGLE RECTANGULAR IN—SWING WINDOW WITH TRANSOM

SCALE: 1/2" = 1'-0"
WINDOW UNIT MAY ALSO BE A SINGLE FIXED PANEL UNIT.

(FOR DETAIL NOT SHOWN, SEE SINGLE WINDOW ELEVATION ON SHEET 1)

(FOR TILT-TURN CONDITION, SEE ELEVATION ON SHEET 4)

NOTE: FOR MULLION CONDITIONS OUTSIDE OF THIS APPROVAL, SEE PEETZ MULLION DRAWING NO. 1327 UNDER SEPERATE APPROVAL.



INTERIOR ELEVATION

SINGLE RECTANGULAR FIXED WINDOW

SCALE: 1/2" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0312-03
Expiration Date Dec 12-207

By Manuel Pists Miamy Dade Product Control MAR T 6 2015
WARREM W. SCHAEFER, P.E.

CHECKED BY:

ATE: 9/9/05

DOORS T; SUITE 3331

PEETZ WINDOWS & D 1 S.W. 41ST STREET; WESTON, FL 333: 954-659-3887

WINDOWS

WOOD

IMPACT

CASEMENT

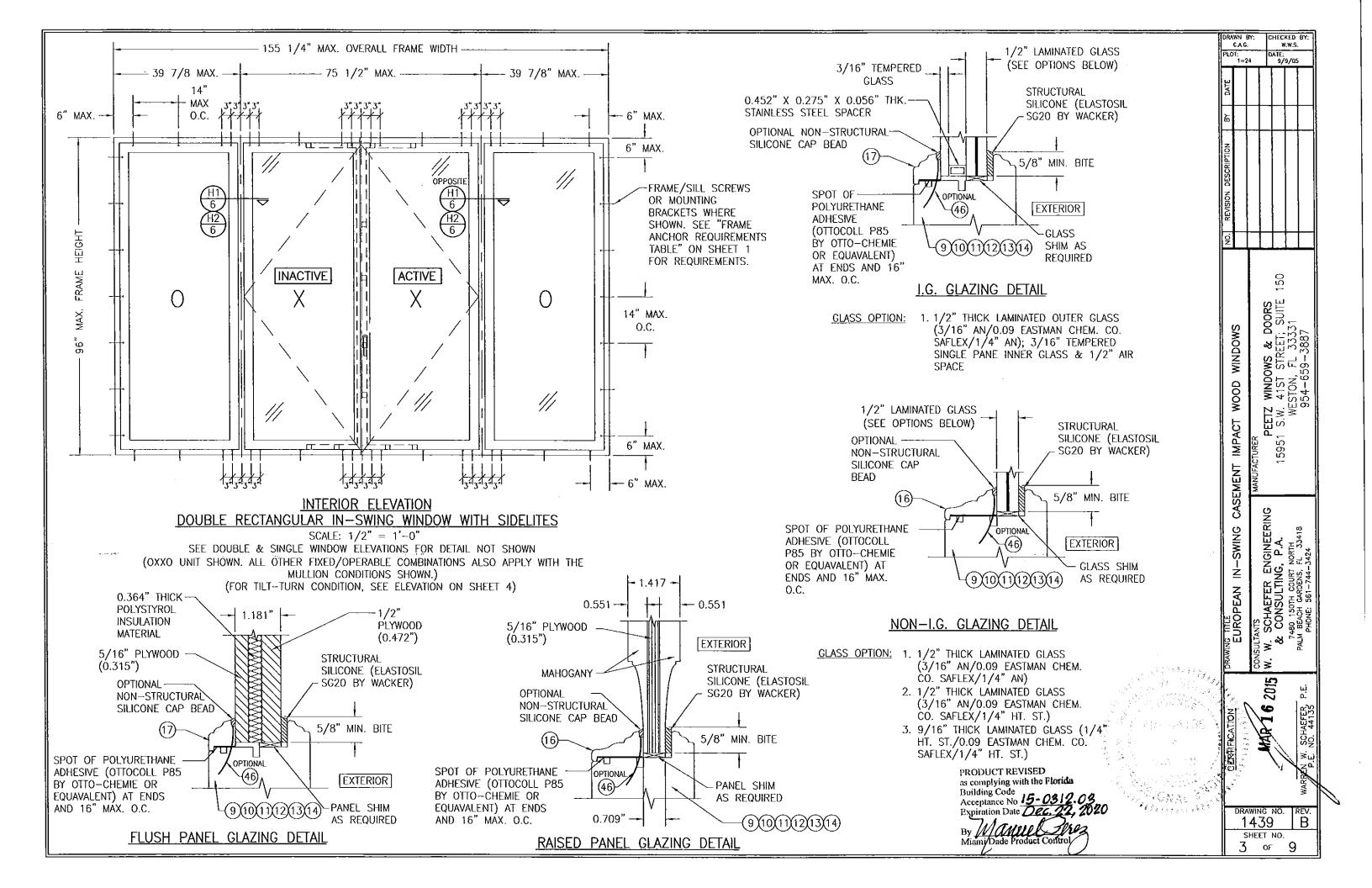
IN-SWING

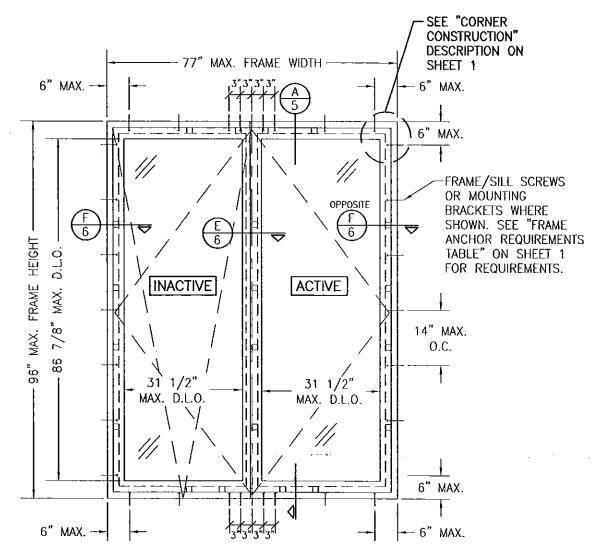
EUROPEAN

1=24

DRAWING NO. REV. 1439 B SHEET NO.

OF

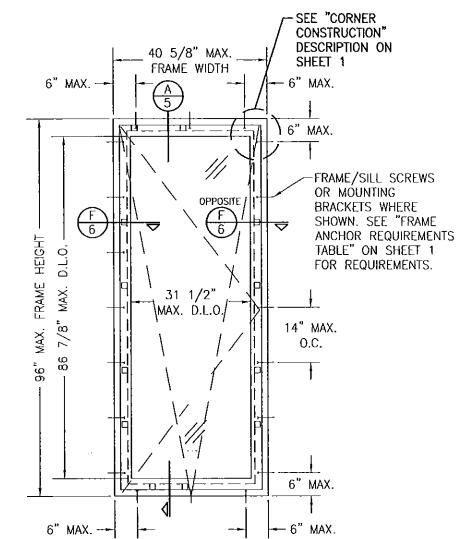




INTERIOR ELEVATION

DOUBLE RECTANGULAR TILT—TURN WINDOW UNIT

SCALE: 1/2" = 1'-0"



INTERIOR ELEVATION
SINGLE RECTANGULAR TILT—TURN WINDOW UNIT
SCALE: 1/2" = 1'-0"

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 15-0312.03 Expiration Date Dec. 22 2020 By Manuel 1833

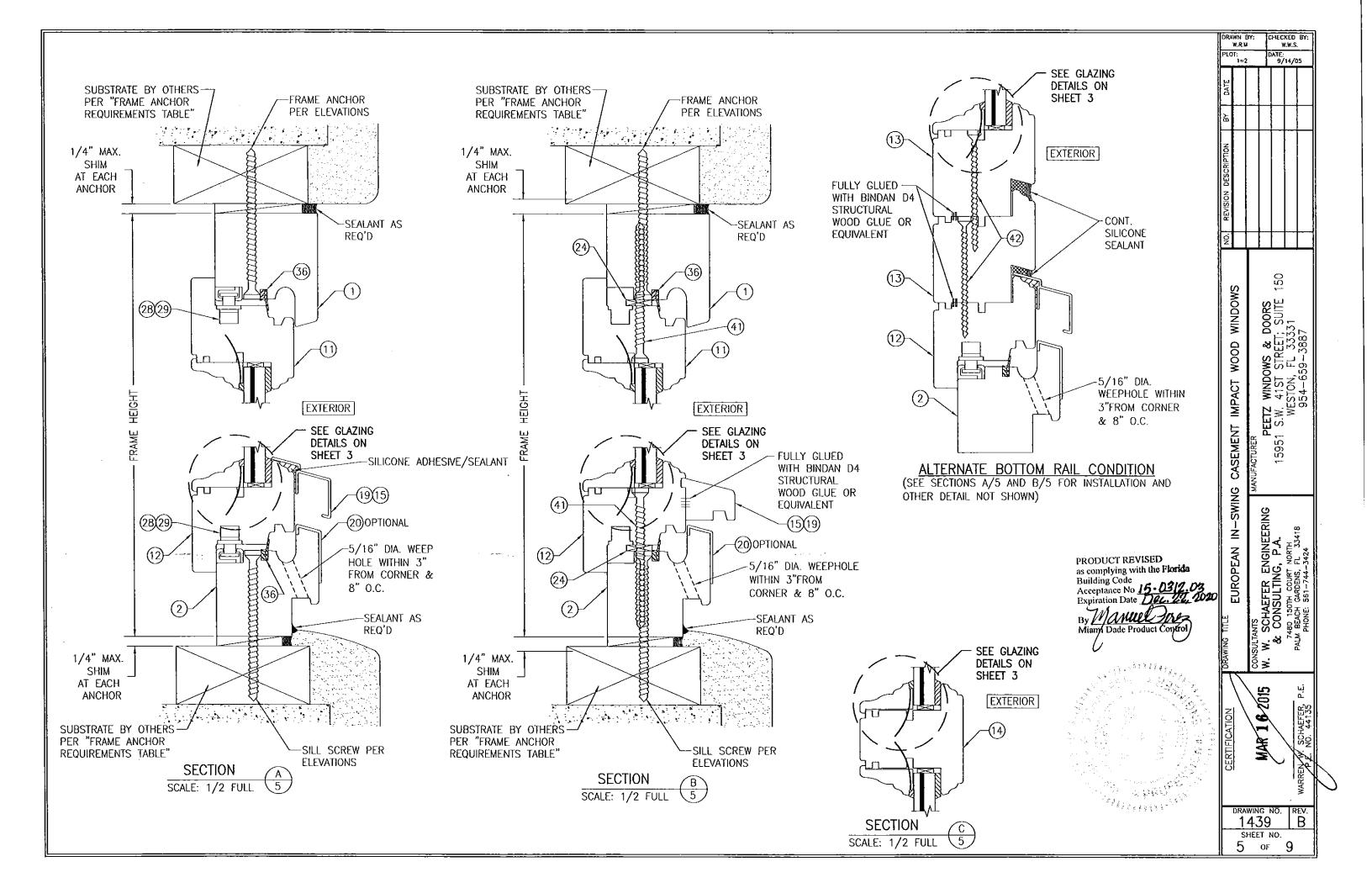
PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE WESTON, FL 33331 954-659-3887 IMPACT WOOD WINDOWS CASEMENT SCHAEFER ENGINEERING CONSULTING, P.A. EUROPEAN IN-SWING 2015 AAR/

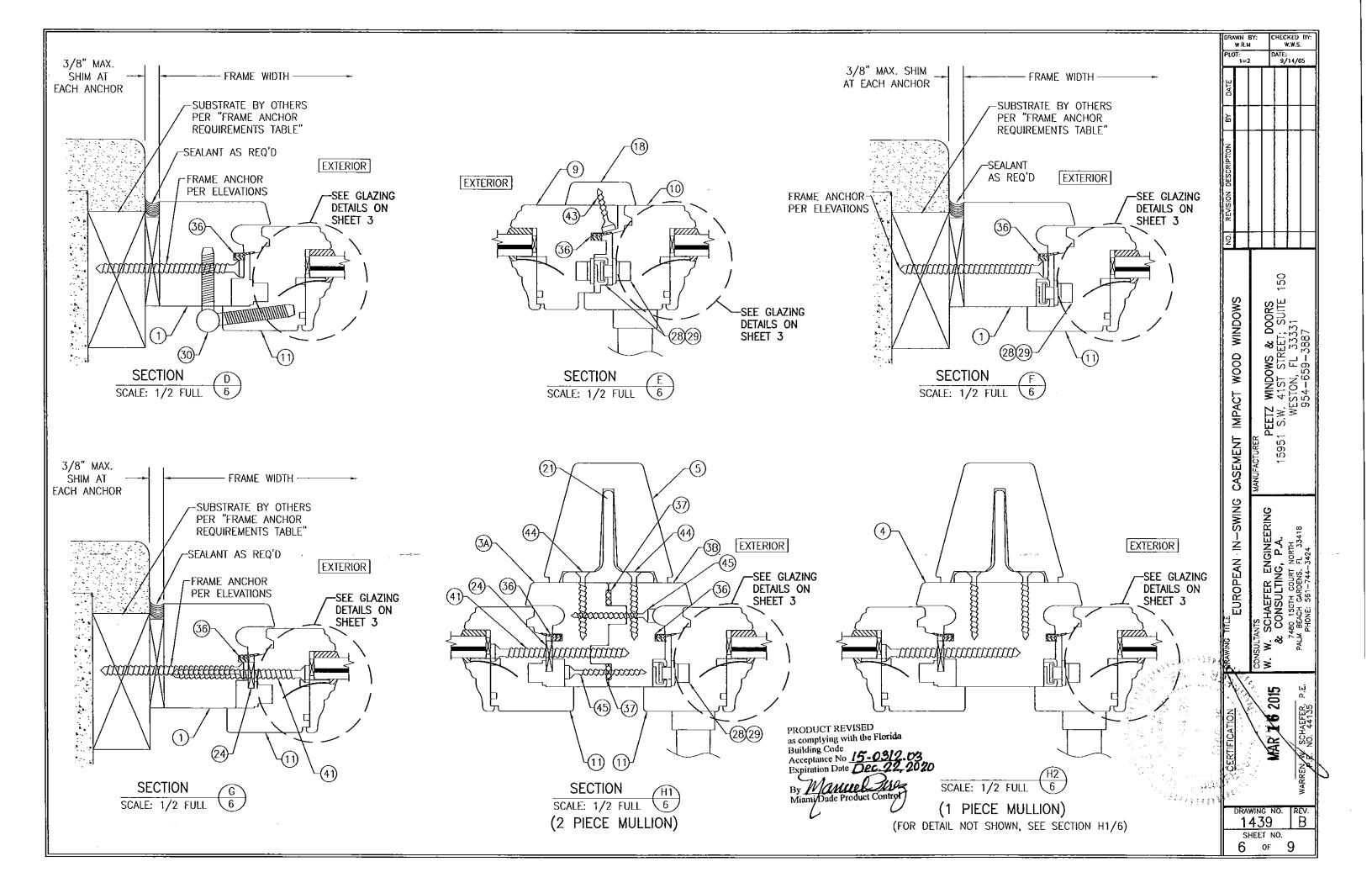
> 1439 SHEET NO.

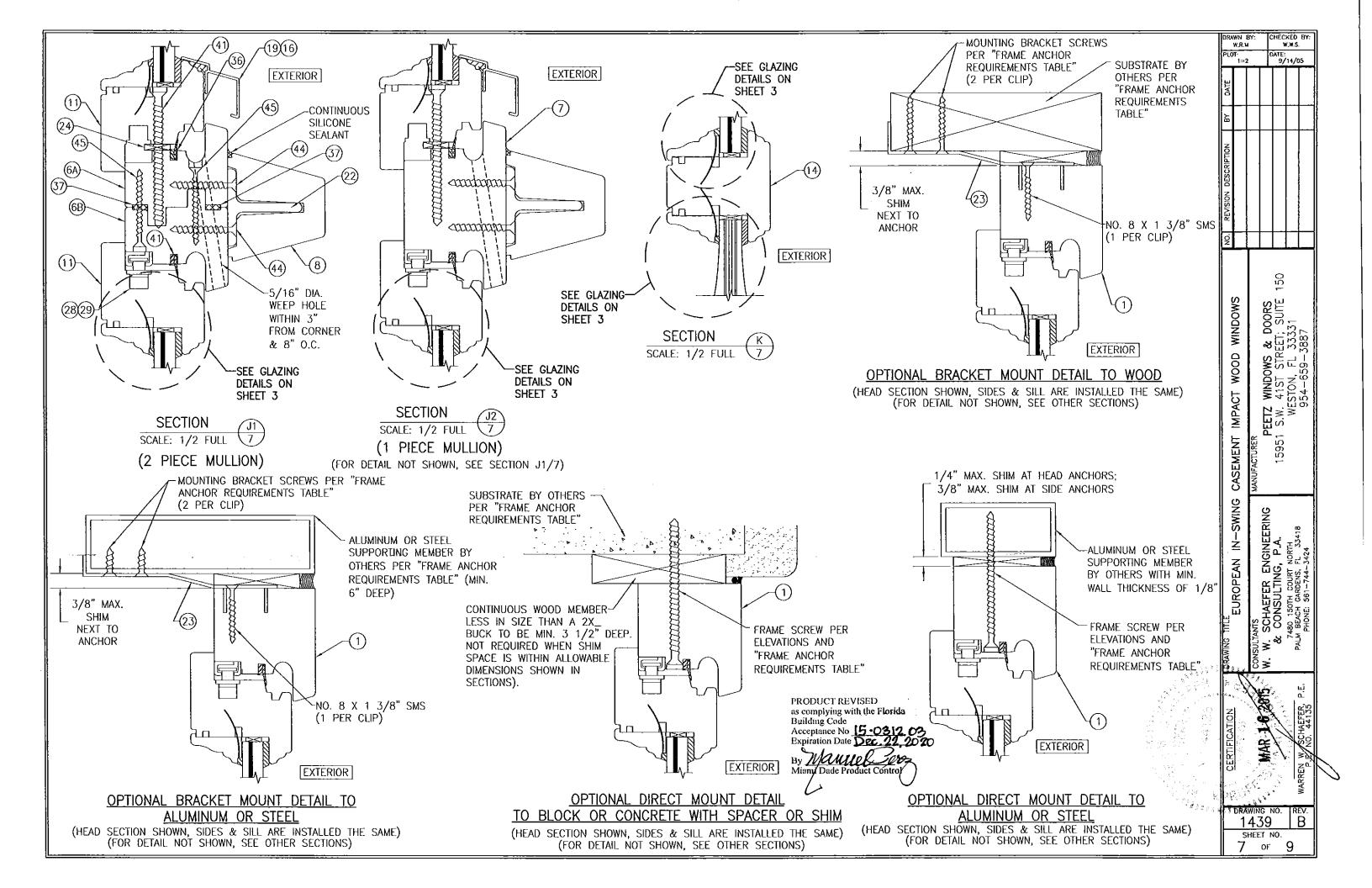
4 of

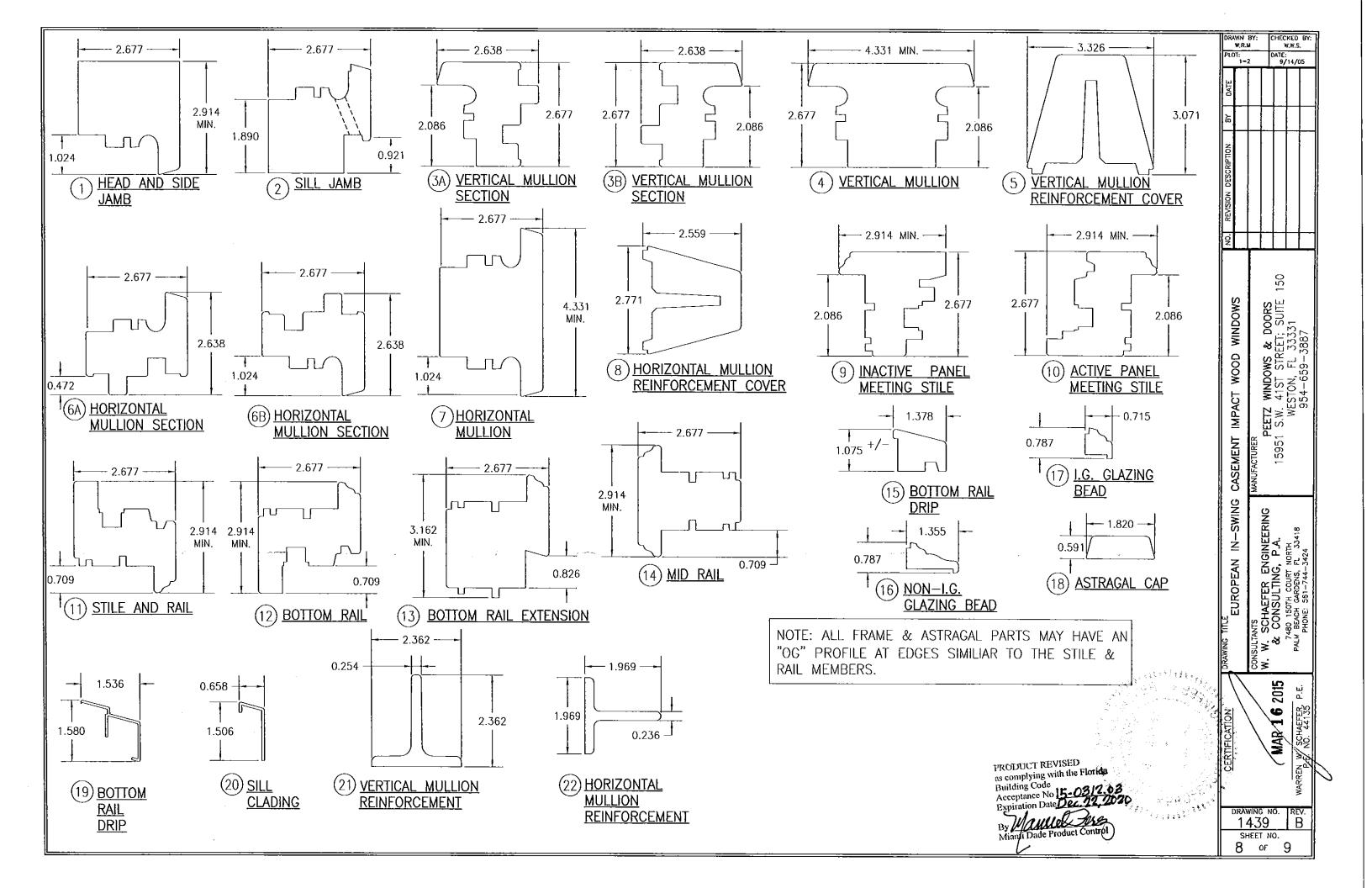
9

CHECKED BY: W.W.S. DATE: 9/9/05



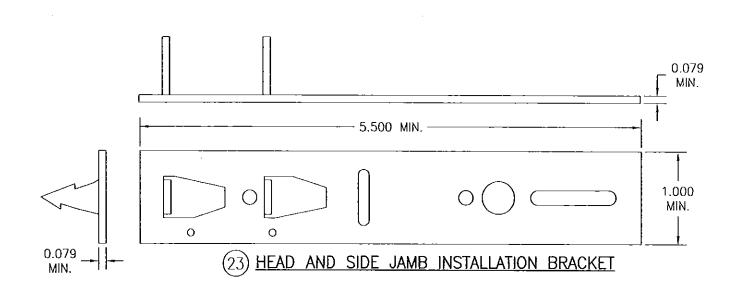






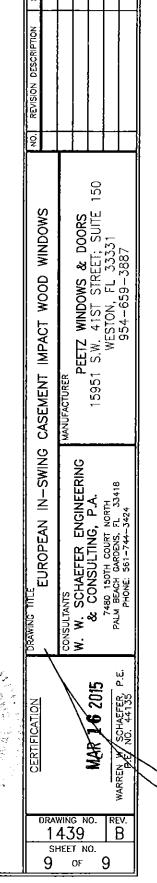
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES			
	PARTS	WANTO ACTUALITY NOTES			
1	HEAD AND SIDE JAMB	WOOD			
2	SILL JAMB	WOOD			
3A	VERTICAL MULLION SECTION	WOOD			
3B	VERTICAL MULLION SECTION	WOOD			
4	VERTICAL MULLION	WOOD			
5	VERTICAL MULLION REINF. COVER	WOOD			
6A	HORIZONTAL MULLION SECTION	WOOD			
6B	HORIZONTAL MULLION SECTION	WOOD			
7	HORIZONTAL MULLION	WOOD			
8	HORIZONTAL MULLION REINF. COVER	WOOD			
9	INACTIVE MEETING STILE	WOOD			
10	ACTIVE MEETING STILE	WOOD			
11	STILE AND RAIL	WOOD			
12	BOTTOM RAIL (OPERABLE WINDOW)	WOOD			
13	BOTTOM RAIL EXTENSION	WOOD			
14	MID RAIL	WOOD			
15	BOTTOM RAIL DRIP	WOOD			
16	NON-I.G. GLAZING BEAD	WOOD			
17	I.G. GLAZING BEAD	WOOD			
18	ASTRAGAL CAP	WOOD			
19	BOTTOM RAIL DRIP	6063-T5 ALUMINUM			
20	SILL CLADING	6063-T5 ALUMINUM			
21	VERTICAL MULLION REINFORCEMENT	34 KSI GALV. STEEL			
22	HORIZONTAL MULLION REINFORCEMENT	34 KSI GALV. STEEL			
23	HEAD AND SIDE JAMB INSTALLATION	34 KSI GALV. STEEL			
	BRACKET				
24	<u> </u>	1 AT EACH SASH ANCHOR			
	HARD	· · · · · · · · · · · · · · · · · · ·			
28	MULTI-POINT LOCK SYSTEM	ROTO OR SIEGENIA MUSHROOM CAM			
	(HINGED WINDOW)	SYSTEM			
29	MULTI-POINT LOCK SYSTEM	SIEGENIA MUSHROOM CAM SYSTEM WITH			
	(TILT-TURN WINDOW)	CONCEALED HINGES			
30	WINDOW HINGE	SIMONSWERK			
31	HANDLE	AS REQUIRED TO OPERATE LOCK SYSTEM			
	·	ND SEALANTS			
36	FRAME GASKET	EPDM BY HAUTAU			
37	0.394 X 0.157 PRECOMPRESSED TAPE	_			
<u> </u>		ENERS			
41	0.236 X 3.543 GALV. SCREW	5 1/2" MAX. FROM INTERIOR CORNERS &			
		14" MAX. O.C.			
42	0.157 X 2.953 GALV, SCREW	4" MAX. FROM INTERIOR CORNERS &			
		14" MAX. O.C.			
43	0.138 X 0.984 S.S. SCREW	WITHIN 4" FROM ENDS & 14" MAX. O.C.			
44	0.157 X 1.771 GALV. WOOD SCREW	WITHIN 7" FROM ENDS & 24" MAX. O.C.			
45	0.157 X 1.969 S.S. SCREW	4" MAX. FROM INTERIOR CORNERS &			
L		14" MAX. O.C.			
46	18 GA. X 1 1/4 GALV CURVED NAIL	WITHIN 10" OF CORNERS & 20" MAX. O.C.			
BNOTE: W	TE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF $G = 0.67$ and a				

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF G=0.67 AND A MODULUS OF ELASTICITY OF E=1,700,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.67 AND MODULUS OF ELASTICITY OF 1,700,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.



PRODUCT REVISED

as complying with the Florida
Building Code
Acceptance No 15-0312.03
Expiration Date Dec. 22, 2020



CHECKED BY: W.W.S. ATE: 9/14/05